

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1705	gingivalis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2008/01/21 14:50
L2	3749	40kda or "40" adj kda	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2008/01/21 14:51
L3	10449	omp or outer adj membrane adj protein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2008/01/21 14:51
L4	24	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2008/01/21 14:51

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DIALOG INFORMATION SERVICES

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Logon file1 21jan08 13:29:49

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File 1:ERIC 1965-2007/Nov

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Set Items Description

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\$0.47 0.135 DialUnits File1

\$0.47 Estimated cost File1

\$0.13 TELNET

\$0.60 Estimated cost this search

\$0.60 Estimated total session cost 0.135 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1926-2008/Jan W2

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File 35:Dissertation Abs Online 1861-2007/Oct

(c) 2007 ProQuest Info&Learning

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 File 144:Pascal 1973-2008/Jan W2
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 for details.
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 (c) format only 2002 Dialog
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 File 399:CA SEARCH(R) 1967-2007/UD=14804
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 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
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 (c) 2008 Mass. Med. Soc.
 File 467:ExtraMED(tm) 2000/Dec
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Set Items Description

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? E AU=TAHARA, TOMOYUKI

Ref Items Index-term

E1	10	AU=TAHARA, TOMOMITSU
E2	19	AU=TAHARA, TOMONORI
E3	64	*AU=TAHARA, TOMOYUKI
E4	14	AU=TAHARA, TORAKAZU
E5	1	AU=TAHARA, TORU
E6	1	AU=TAHARA, TOSHIKI
E7	11	AU=TAHARA, TOSHIE
E8	4	AU=TAHARA, TOSHIHIDE

Untitled

E9 12 AU=TAHARA, TOSHIHIRO
E10 1 AU=TAHARA, TOSHIHISA
E11 2 AU=TAHARA, TOSHIRO
E12 6 AU=TAHARA, TOSHIYUKI

Enter P or PAGE for more

? S E3
S1 64 AU='TAHARA, TOMOYUKI'
? S GINGIVALIS OR OMP
26455 GINGIVALIS
11843 OMP
S2 38092 GINGIVALIS OR OMP
? S S1 AND S2
64 S1
38092 S2
S3 3 S1 AND S2
? RD
S4 3 RD (unique items)
? T S4/3/ALL

4/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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147467384 CA: 147(22)467384z JOURNAL
Antibody responses to Porphyromonas gingivalis hemagglutinin A and outer
membrane protein in chronic periodontitis
AUTHOR(S): Kobayashi, Tetsuo; Kaneko, Susumu; Tahara, Tomoyuki; Hayakawa,
Mitsuo; Abiko, Yoshimitsu; Yoshie, Hiromasa
LOCATION: Division of Periodontology, Department of Oral Biological
Science, Niigata University Graduate School of Medical and Dental Sciences,
Niigata, Japan,
JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2006
VOLUME: 77 NUMBER: 3 PAGES: 364-369 CODEN: JOPRAJ ISSN: 0022-3492
LANGUAGE: English PUBLISHER: American Academy of Periodontology

4/3/2 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

143265133 CA: 143(15)265133y JOURNAL
The trans-chromosomal mouse-derived human monoclonal antibody promotes
phagocytosis of Porphyromonas gingivalis by neutrophils
AUTHOR(S): Takauchi, Ayano; Kobayashi, Tetsuo; Tahara, Tomoyuki;
Nakazawa, Kumiko; Hayakawa, Mitsuo; Shibata, Yasuko; Ishida, Isao; Abiko,
Yoshimitsu; Yoshie, Hiromasa
LOCATION: Division of Periodontology, Department of Oral Biological
Science, Niigata University Graduate School of Medical and Dental Sciences,
Niigata, Japan,
JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2005
VOLUME: 76 NUMBER: 5 PAGES: 680-685 CODEN: JOPRAJ ISSN: 0022-3492
LANGUAGE: English PUBLISHER: American Academy of Periodontology

Untitled

4/3/3 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2008 American Chemical Society. All rts. reserv.

141294692 CA: 141(18)294692u PATENT

Inhibition of 40-kDa OMP hemin-binding activity and *P. gingivalis*
co-aggregation by human type monoclonal antibody against *Porphyromonas*
gingivalis 40-kDa outer membrane protein, and diagnostic and therapeutic
uses

INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa;
Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro

LOCATION: Japan,

ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University

PATENT: PCT International ; WO 200483425 A1 DATE: 20040930

APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B;
C12P-021/08B; A61K-039/395B; A61P-001/02B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

? E AU=ABIKO, YOSHIMITSU

Ref Items Index-term

E1 162 *AU=ABIKO, YOSHIMITSU
E2 1 AU=ABIKO, YOSHIMITU
E3 3 AU=ABIKO, YOSHITAKA
E4 6 AU=ABIKO, YOSHIYA
E5 1 AU=ABIKO, YOSHIYUKI
E6 1 AU=ABIKO, YOUJI
E7 1 AU=ABIKO, YSHIHIRO
E8 2 AU=ABIKO, YUKA
E9 1 AU=ABIKO, YUKIO
E10 2 AU=ABIKO, YUKO
E11 3 AU=ABIKO, YUMI
E12 2 AU=ABIKO, YUMIKO

Enter P or PAGE for more

? S E1

S5 162 AU='ABIKO, YOSHIMITSU'

? S S2 AND S5

38092 S2

162 S5

S6 53 S2 AND S5

? RD

S7 53 RD (unique items)

? S MONOCLONAL; S HYBRIDOMA; S ANTIBIOTIC OR ANTIBIOTICS OR ANTIBACTERIAL

Untitled

S8 1190746 MONOCLONAL
S9 65617 HYBRIDOMA
936298 ANTIBIOTIC
664086 ANTIBIOTICS
474222 ANTIBACTERIAL
S10 1650857 ANTIBIOTIC OR ANTIBIOTICS OR ANTIBACTERIAL
? S S6 AND S8
53 S6
1190746 S8
S11 13 S6 AND S8
? S S11 AND S9
13 S11
65617 S9
S12 1 S11 AND S9
? T S11/3/ALL

11/3/1 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
(c) 2008 The Gale Group. All rts. reserv.

03251477 SUPPLIER NUMBER: 163069542 (USE FORMAT 7 OR 9 FOR FULL TEXT
)

Egg yolk-derived immunoglobulin (IgY) against *Porphyromonas gingivalis*
40-kDa outer membrane protein inhibits coaggregation activity.(Author
abstract)

Hamajima, Susumu; Maruyama, Mitsuhiro; Hijiya, Takahiro; Hatta, Hajime;
Abiko, Yoshimitsu
Archives of Oral Biology, 52, 7, 697(8)
July,
2007

DOCUMENT TYPE: Author abstract PUBLICATION FORMAT: Magazine/Journal
ISSN: 0003-9969 LANGUAGE: English RECORD TYPE: Abstract
TARGET AUDIENCE: Academic

11/3/2 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

143265133 CA: 143(15)265133y JOURNAL
The trans-chromosomal mouse-derived human monoclonal antibody promotes
phagocytosis of *Porphyromonas gingivalis* by neutrophils

AUTHOR(S): Takauchi, Ayano; Kobayashi, Tetsuo; Tahara, Tomoyuki;
Nakazawa, Kumiko; Hayakawa, Mitsuo; Shibata, Yasuko; Ishida, Isao; Abiko,
Yoshimitsu; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological
Science, Niigata University Graduate School of Medical and Dental Sciences,
Niigata, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2005
VOLUME: 76 NUMBER: 5 PAGES: 680-685 CODEN: JOPRAJ ISSN: 0022-3492
LANGUAGE: English PUBLISHER: American Academy of Periodontology

11/3/3 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

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143210163 CA: 143(12)210163c JOURNAL

Construction of novel human monoclonal antibodies neutralizing
Porphyromonas gingivalis hemagglutination activity using transgenic mice
expressing human Ig loci

AUTHOR(S): Shibata, Yasuko; Hosogi, Yumiko; Hayakawa, Mitsuo; Hori,
Nobuaki; Kamada, Masafumi; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Matsudo, Chiba, Sakaecho-Nishi, Japan, 271-8587

JOURNAL: Vaccine (Vaccine) DATE: 2005 VOLUME: 23 NUMBER: 29 PAGES:
3850-3856 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER:
0264-410X(05)00330-0 LANGUAGE: English PUBLISHER: Elsevier B.V.

11/3/4 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142238273 CA: 142(13)238273s JOURNAL

Inhibition of Porphyromonas gingivalis Hemagglutinating Activity by
Synthetic Peptides Derived from Phage Display Selection Using MAb Against
the Recombinant Outer Membrane Protein

AUTHOR(S): Chang, Wei-Jen; Kishikawa-Kiyama, Michiko; Shibata, Yasuko;
Lee, Sheng-Yang; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Research Institute of Oral Science,
School of Dentistry at Matsudo, Nihon University, Chiba, Japan,

JOURNAL: Hybridoma Hybridomics (Hybridoma and Hybridomics) DATE: 2004
VOLUME: 23 NUMBER: 6 PAGES: 352-356 CODEN: HHYYBF ISSN: 1536-8599
LANGUAGE: English PUBLISHER: Mary Ann Liebert, Inc.

11/3/5 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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141312726 CA: 141(19)312726q JOURNAL

Inhibition of hemagglutinating activity by monoclonal antibody against
Porphyromonas gingivalis 40-kDa outer membrane protein

AUTHOR(S): Tagawa, Hiroaki; Kiyama-Kishikawa, Michiko; Lee, Sheng-Yang;
Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan,

JOURNAL: Hybridoma Hybridomics (Hybridoma and Hybridomics) DATE: 2004
VOLUME: 23 NUMBER: 3 PAGES: 183-186 CODEN: HHYYBF ISSN: 1536-8599
LANGUAGE: English PUBLISHER: Mary Ann Liebert, Inc.

11/3/6 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2008 American Chemical Society. All rts. reserv.

141294692 CA: 141(18)294692u PATENT

Inhibition of 40-kDa OMP hemin-binding activity and P. gingivalis
co-aggregation by human type monoclonal antibody against Porphyromonas

Untitled

gingivalis 40-kDa outer membrane protein, and diagnostic and therapeutic uses

INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa; Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro

LOCATION: Japan,

ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University

PATENT: PCT International ; WO 200483425 A1 DATE: 20040930

APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B; C12P-021/08B; A61K-039/395B; A61P-001/02B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

11/3/7 (Item 6 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139228935 CA: 139(15)228935h JOURNAL

Human monoclonal antibody inhibits Porphyromonas gingivalis hemagglutinin activity

AUTHOR(S): Kaizuka, Kouji; Hosogi, Yumiko; Hayakawa, Mitsuo; Shibata, Yasuko; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2003

VOLUME: 74 NUMBER: 1 PAGES: 38-43 CODEN: JOPRAJ ISSN: 0022-3492

LANGUAGE: English PUBLISHER: American Academy of Periodontology

11/3/8 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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136084398 CA: 136(6)84398y JOURNAL

Monoclonal antibody against Porphyromonas gingivalis hemagglutinin inhibits hemolytic activity

AUTHOR(S): Hosogi, Yumiko; Hayakawa, Mitsuo; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan, 271-8587

JOURNAL: Eur. J. Oral Sci. DATE: 2001 VOLUME: 109 NUMBER: 2 PAGES: 109-113 CODEN: EJOSFY ISSN: 0909-8836 LANGUAGE: English PUBLISHER: Munksgaard International Publishers Ltd.

11/3/9 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134084849 CA: 134(7)84849e JOURNAL
Human type monoclonal antibody inhibits coaggregation between periodontal
pathogen Porphyromonas gingivalis and Streptococcus gordonii
AUTHOR(S): Hosogi, Yumiko; Abiko, Yoshimitsu
LOCATION: Dep. Biochem., Nihon Univ. Sch. Dent., Matsudo, Japan,
JOURNAL: Igaku to Seibutsugaku DATE: 2000 VOLUME: 141 NUMBER: 5
PAGES: 269-273 CODEN: IGSBAL ISSN: 0019-1604 LANGUAGE: Japanese
PUBLISHER: Igaku Seibutsugaku Sokuhokai

11/3/10 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134003850 CA: 134(1)3850y JOURNAL
Bactericidal activity of a monoclonal antibody against a recombinant
40-kDa outer membrane protein of Porphyromonas gingivalis
AUTHOR(S): Katoh, Mitsunobu; Saito, Shigeno; Takiguchi, Hisashi; Abiko,
Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan,
JOURNAL: J. Periodontol. DATE: 2000 VOLUME: 71 NUMBER: 3 PAGES:
368-375 CODEN: JOPRAJ ISSN: 0022-3492 LANGUAGE: English PUBLISHER:
American Academy of Periodontology

11/3/11 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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130280447 CA: 130(21)280447d JOURNAL
Passive immunotherapy against dental caries and periodontal disease
AUTHOR(S): Abiko, Yoshimitsu
LOCATION: Sch. Den. Matsudo, Nihon Univ., Japan,
JOURNAL: Kagaku to Seibutsu DATE: 1999 VOLUME: 37 NUMBER: 4 PAGES:
233-239 CODEN: KASEAA ISSN: 0453-073X LANGUAGE: Japanese PUBLISHER:
Gakkai Shuppan Senta

11/3/12 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127276913 CA: 127(20)276913y JOURNAL
A human monoclonal antibody which inhibits the coaggregation activity of
Porphyromonas gingivalis
AUTHOR(S): Abiko, Yoshimitsu; Ogura, Naomi; Matsuda, Utako; Yanagi, Kazuo
; Takiguchi, Hisashi
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan, 271
JOURNAL: Infect. Immun. DATE: 1997 VOLUME: 65 NUMBER: 9 PAGES:

Untitled

3966-3969 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

11/3/13 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127064280 CA: 127(5)64280q JOURNAL
Inhibition of a Porphyromonas gingivalis colonizing factor between
Actinomyces viscosus ATCC 19246 by monoclonal antibodies against
recombinant 40-kDa outer-membrane protein
AUTHOR(S): Saito, Shigeno; Hiratsuka, Koichi; Hayakawa, Mitsuo;
Takiguchi, Hisashi; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Sakaecho-Nishi, Matsudo, Chiba, Japan, 271
JOURNAL: Gen. Pharmacol. DATE: 1997 VOLUME: 28 NUMBER: 5 PAGES:
675-680 CODEN: GEPHDP ISSN: 0306-3623 PUBLISHER ITEM IDENTIFIER:
0306-3623(96)00366-7 LANGUAGE: English PUBLISHER: Elsevier
? DS

Set	Items	Description
S1	64	AU='TAHARA, TOMOYUKI'
S2	38092	GINGIVALIS OR OMP
S3	3	S1 AND S2
S4	3	RD (unique items)
S5	162	AU='ABIKO, YOSHIMITSU'
S6	53	S2 AND S5
S7	53	RD (unique items)
S8	1190746	MONOCLONAL
S9	65617	HYBRIDOMA
S10	1650857	ANTIBIOTIC OR ANTIBIOTICS OR ANTIBACTERIAL
S11	13	S6 AND S8
S12	1	S11 AND S9
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	53	S7
	13	S11
S13	40	S7 NOT S11
? T S13/3/ALL		

13/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

147467384 CA: 147(22)467384z JOURNAL
Antibody responses to Porphyromonas gingivalis hemagglutinin A and outer
membrane protein in chronic periodontitis
AUTHOR(S): Kobayashi, Tetsuo; Kaneko, Susumu; Tahara, Tomoyuki; Hayakawa,
Mitsuo; Abiko, Yoshimitsu; Yoshie, Hiromasa
LOCATION: Division of Periodontology, Department of Oral Biological
Science, Niigata University Graduate School of Medical and Dental Sciences,
Niigata, Japan,
JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2006
VOLUME: 77 NUMBER: 3 PAGES: 364-369 CODEN: JOPRAJ ISSN: 0022-3492
LANGUAGE: English PUBLISHER: American Academy of Periodontology

Untitled

13/3/2 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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147363086 CA: 147(17)363086n JOURNAL
Egg yolk-derived immunoglobulin (IgY) against *Porphyromonas gingivalis*
40-kDa outer membrane protein inhibits coaggregation activity
AUTHOR(S): Hamajima, Susumu; Maruyama, Mitsuhiro; Hijiya, Takahiro;
Hatta, Hajime; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry and Molecular Biology, Nihon
University School of Dentistry at Matsudo, 2-870-1 Sakaecho-Nishi, Matsudo,
Chiba, Japan, 271-8587
JOURNAL: Arch. Oral Biol. (Archives of Oral Biology) DATE: 2007
VOLUME: 52 NUMBER: 7 PAGES: 697-704 CODEN: AOBIAJ ISSN: 0003-9969
PUBLISHER ITEM IDENTIFIER: 0003-9969(06)00363-3 LANGUAGE: English
PUBLISHER: Elsevier Ltd.

13/3/3 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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147161791 CA: 147(8)161791c JOURNAL
Protein phosphorylation of 2-oxoglutarate oxidoreductase, .beta. subunit
was induced by oxidative stress in *Porphyromonas gingivalis*
AUTHOR(S): Okano, Soichiro; Toyoda, Takao; Tanaka, Hideki; Abiko,
Yoshimitsu
LOCATION: Dep. Biochem. Mol. Biol., Sch. Dent. at Matsudo, Nihon
University, Matsudo, Japan, 271-8587
JOURNAL: Igaku to Seibutsugaku (Igaku to Seibutsugaku) DATE: 2007
VOLUME: 151 NUMBER: 4 PAGES: 113-120 CODEN: IGSBAL ISSN: 0019-1604
LANGUAGE: Japanese PUBLISHER: Igaku Seibutsugaku Sokuhokai

13/3/4 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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146479736 CA: 146(24)479736h JOURNAL
Proinflammatory gene expression in mouse ST2 cell line in response to
infection by *Porphyromonas gingivalis*
AUTHOR(S): Ohno, Takashi; Okahashi, Nobuo; Kawai, Shinji; Kato, Takahiro;
Inaba, Hiroaki; Shibata, Yasuko; Morisaki, Ichijiro; Abiko, Yoshimitsu;
Amano, Atsuo
LOCATION: Department of Oral Frontier Biology, Osaka University Graduate
School of Dentistry, 1-8 Yamadaoka, Suita-Osaka, Japan, 565-0871
JOURNAL: Microbes Infect. (Microbes and Infection) DATE: 2006 VOLUME: 8
NUMBER: 4 PAGES: 1025-1034 CODEN: MCINFS ISSN: 1286-4579
PUBLISHER ITEM IDENTIFIER: 1286-4579(05)00406-5 LANGUAGE: English
PUBLISHER: Elsevier B.V.

13/3/5 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)
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145331494 CA: 145(17)331494m JOURNAL
Gene expression profiling and characterization under hemin limitation in
Porphyromonas gingivalis
AUTHOR(S): Kiyama-Kishikawa, Michiko; Hiratsuka, Koichi; Abiko,
Yoshimitsu
LOCATION: Department of Biochemistry, and Research Institute of Oral
Science, Nihon University School of Dentistry at Matsudo, Matsudo, Japan,
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2005 VOLUME: 47
NUMBER: 4 PAGES: 191-197 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE:
English PUBLISHER: Nihon University School of Dentistry

13/3/6 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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145208273 CA: 145(11)208273m JOURNAL
Development of useful antibodies for passive immunotherapy against
Porphyromonas gingivalis infection
AUTHOR(S): Abiko, Yoshimitsu
LOCATION: Department of Biochemistry and Molecular Biology, Nihon
University School of Dentistry at Matsudo, Japan,
JOURNAL: Nippon Shishubyo Gakkai Kaishi (Nippon Shishubyo Gakkai Kaishi)
DATE: 2005 VOLUME: 47 NUMBER: 4 PAGES: 239-249 CODEN: NSKADI ISSN:
0385-0110 LANGUAGE: English PUBLISHER: Nippon Shishubyo Gakkai

13/3/7 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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144208669 CA: 144(12)208669z JOURNAL
Proteomics-based analysis of a counter-oxidative stress system in
Porphyromonas gingivalis
AUTHOR(S): Okano, Soichiro; Shibata, Yasuko; Shiroza, Teruaki; Abiko,
Yoshimitsu
LOCATION: Department of Biochemistry and Molecular Biology, Nihon
University School of Dentistry at Matsudo, Chiba, Japan,
JOURNAL: Proteomics (Proteomics) DATE: 2006 VOLUME: 6 NUMBER: 1
PAGES: 251-258 CODEN: PROTC7 ISSN: 1615-9853 LANGUAGE: English
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

13/3/8 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142461836 CA: 142(25)461836y JOURNAL
Transcutaneous immunization with a 40-kDa outer membrane protein of
Porphyromonas gingivalis induces specific antibodies which inhibit
coaggregation by *P. gingivalis*
AUTHOR(S): Maeba, Satomi; Otake, Shigeo; Namikoshi, Jun; Shibata, Yasuko;

Untitled

Hayakawa, Mitsuo; Abiko, Yoshimitsu; Yamamoto, Masafumi
LOCATION: Clinical Pathology, Nihon University Graduate School of
Dentistry at Matsudo, 2-870-1 Sakaecho-Nishi, Matsudo, Chiba, Japan,
271-8587

JOURNAL: Vaccine (Vaccine) DATE: 2005 VOLUME: 23 NUMBER: 19 PAGES:
2513-2521 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER:
0264-410X(04)00859-X LANGUAGE: English PUBLISHER: Elsevier B.V.

13/3/9 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142314848 CA: 142(17)314848a JOURNAL
Transcutaneous immunization with P. gingivalis surface protein antigen
induces I helper 2 responses in systemic tissues
AUTHOR(S): Maeba, Satomi; Otake, Shigeo; Namikoshi, Jun; Hayakawa, Mitsuo
; Abiko, Yoshimitsu; Yamamoto, Masafumi
LOCATION: Clinical Pathology, Nihon University Graduate School of
Dentistry at Matsudo, Chiba, Japan, 271 8587
JOURNAL: Int. J. Oral-Med. Sci. (International Journal of Oral-Medical
Sciences) DATE: 2004 VOLUME: 3 NUMBER: 2 PAGES: 67-74 CODEN: IJOSC7
ISSN: 1347-9733 LANGUAGE: English PUBLISHER: Research Institute of Oral
Science, Nihon University School of Dentistry at Matsudo

13/3/10 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142276596 CA: 142(15)276596g JOURNAL
Influence of hemin on gene expression of stress proteins during in vitro
growth of Porphyromonas gingivalis
AUTHOR(S): Kiyama-Kishikawa, Michiko; Hiratsuka, Koichi; Abiko,
Yoshimitsu
LOCATION: Dep. Biochem., Nihon Univ. Sch. Dent. at Matsudo, Matsudo,
Japan, 271-8587
JOURNAL: Igaku to Seibutsugaku (Igaku to Seibutsugaku) DATE: 2005
VOLUME: 149 NUMBER: 2 PAGES: 69-74 CODEN: IGSBAL ISSN: 0019-1604
LANGUAGE: Japanese PUBLISHER: Igaku Seibutsugaku Sokuhokai

13/3/11 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142259593 CA: 142(14)259593m JOURNAL
Subcloning of the 200-kDa Porphyromonas gingivalis antigen gene and
inhibition of hemagglutination by an antibody against the recombinant
protein
AUTHOR(S): Suyama, Tsutomu; Hayakawa, Mitsuo; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan,
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2004 VOLUME: 46
NUMBER: 3 PAGES: 163-169 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE:

English PUBLISHER: Nihon University School of Dentistry

13/3/12 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142236344 CA: 142(13)236344s JOURNAL
Roles of Arg- and Lys-gingipains in coaggregation of *Porphyromonas gingivalis*: Identification of its responsible molecules in translation products of *rgpA*, *kgp*, and *hagA* genes
AUTHOR(S): Abe, Naoko; Baba, Atsuyo; Takii, Ryosuke; Nakayama, Koji; Kamaguchi, Aride; Shibata, Yasuko; Abiko, Yoshimitsu; Okamoto, Kuniaki; Kadowaki, Tomoko; Yamamoto, Kenji
LOCATION: Department of Pharmacology, Graduate School of Dental Science, Kyushu University, Fukuoka, Japan, 812-8582
JOURNAL: Biol. Chem. (Biological Chemistry) DATE: 2004 VOLUME: 385
NUMBER: 11 PAGES: 1041-1047 CODEN: BICF3 ISSN: 1431-6730 LANGUAGE: English PUBLISHER: Walter de Gruyter GmbH & Co. KG

13/3/13 (Item 13 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142153965 CA: 142(9)153965u JOURNAL
Targeting of *Porphyromonas gingivalis* with a bispecific antibody directed to Fc.alpha.RI (CD89) improves in vitro clearance by gingival crevicular neutrophils
AUTHOR(S): Kobayashi, Tetsuo; Takauchi, Ayano; van Spruiel, Annemiek B.; Vile, Henriette A.; Hayakawa, Mitsuo; Shibata, Yasuko; Abiko, Yoshimitsu; van de Winkel, Jan G. J.; Yoshie, Hiromasa
LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan, 951-8514
JOURNAL: Vaccine (Vaccine) DATE: 2004 VOLUME: 23 NUMBER: 5 PAGES: 585-594 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER: 0264-410X(04)00531-6 LANGUAGE: English PUBLISHER: Elsevier B.V.

13/3/14 (Item 14 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

142087430 CA: 142(6)87430n JOURNAL
Monitoring of *dnaK* gene expression in *Porphyromonas gingivalis* by oxygen stress using DNA microarray
AUTHOR(S): Araki, Makoto; Hiratsuka, Koichi; Kiyama-Kishikawa, Michiko; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan,
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2004 VOLUME: 46
NUMBER: 2 PAGES: 93-100 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE: English PUBLISHER: Nihon University School of Dentistry

Untitled

13/3/15 (Item 15 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142004627 CA: 142(1)4627h JOURNAL
Elevation of galectin-9 as an inflammatory response in the periodontal
ligament cells exposed to Porphyromonas gingivalis lipopolysaccharide in
vitro and in vivo
AUTHOR(S): Kasamatsu, Atsushi; Uzawa, Katsuhiko; Shimada, Ken; Shiiba,
Masashi; Otsuka, Yoko; Seki, Naohiko; Abiko, Yoshimitsu; Tanzawa, Hideki
LOCATION: Graduate School of Medicine, Department of Clinical Molecular
Biology, Chiba University, Chuo-ku, Chiba, Japan, 260-8670
JOURNAL: Int. J. Biochem. Cell Biol. (International Journal of
Biochemistry & Cell Biology) DATE: 2005 VOLUME: 37 NUMBER: 2 PAGES:
397-408 CODEN: IJBBFU ISSN: 1357-2725 PUBLISHER ITEM IDENTIFIER:
1357-2725(04)00265-1 LANGUAGE: English PUBLISHER: Elsevier B.V.

13/3/16 (Item 16 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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141222973 CA: 141(14)222973p JOURNAL
Induction of hemagglutination by recombinant Porphyromonas gingivalis
40-kDa outer membrane protein
AUTHOR(S): Abiko, Yoshimitsu; Hiratsuka, Koichi; Kiyama-Kishikawa,
Michiko; Hayakawa, Mitsuo; Tagawa, Hiroaki; Lin, Mau-Chang; Chang, Wei-Jen;
Lee, Sheng-Yang
LOCATION: Department of Biochemistry and Research Institute of Oral
Science, Nihon University School of Dentistry at Matsudo, Chiba, Japan,
271-8587
JOURNAL: Int. J. Oral-Med. Sci. (International Journal of Oral-Medical
Sciences) DATE: 2004 VOLUME: 2 NUMBER: 1 PAGES: 54-56 CODEN: IJOSC7
ISSN: 1347-9733 LANGUAGE: English PUBLISHER: Research Institute of Oral
Science, Nihon University School of Dentistry at Matsudo

13/3/17 (Item 17 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140251996 CA: 140(16)251996h JOURNAL
Nasal immunization with P. gingivalis surface protein antigen and cholera
toxin adjuvant induces T helper 2 responses in both mucosal and systemic
compartments
AUTHOR(S): Namikoshi, Jun; Maeba, Satomi; Yamamoto, Masafumi; Hayakawa,
Mitsuo; Abiko, Yoshimitsu; Otake, Shigeo
LOCATION: Clinical Pathology, Nihon University Graduate School of
Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: Int. J. Oral-Med. Sci. (International Journal of Oral-Medical
Sciences) DATE: 2003 VOLUME: 1 NUMBER: 2 PAGES: 90-96 CODEN: IJOSC7
ISSN: 1347-9733 LANGUAGE: English PUBLISHER: Research Institute of Oral
Science, Nihon University School of Dentistry at Matsudo

Untitled

13/3/18 (Item 18 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140211728 CA: 140(14)211728r JOURNAL
Characterization of the gene encoding 200-kDa Porphyromonas gingivalis
protein that reacts to sera from periodontitis patients
AUTHOR(S): Ema, Midori; Hayakawa, Mitsuo; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2003 VOLUME: 45
NUMBER: 3 PAGES: 145-152 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE:
English PUBLISHER: Nihon University School of Dentistry

13/3/19 (Item 19 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

140197766 CA: 140(13)197766t JOURNAL
Specific antibodies induced by nasally administered 40-kDa outer membrane
protein of Porphyromonas gingivalis inhibit co-aggregation activity of P.
gingivalis
AUTHOR(S): Namikoshi, Jun; Otake, Shigeo; Maeba, Satomi; Hayakawa, Mitsuo
; Abiko, Yoshimitsu; Yamamoto, Masafumi
LOCATION: Clinical Pathology, Nihon University Graduate School of
Dentistry at Matsudo, Matsudo, Chiba, Japan, 271-8587
JOURNAL: Vaccine (Vaccine) DATE: 2003 VOLUME: 22 NUMBER: 2 PAGES:
250-256 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER:
0264-410X(03)00576-0 LANGUAGE: English PUBLISHER: Elsevier Science Ltd.

13/3/20 (Item 20 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

139363239 CA: 139(24)363239z JOURNAL
Production of antibody against a synthetic peptide of Porphyromonas
gingivalis 40-kDa outer membrane protein
AUTHOR(S): Tsurumi, Yoshiaki; Hayakawa, Mitsuo; Shibata, Yasuko; Abiko,
Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2003 VOLUME: 45
NUMBER: 2 PAGES: 111-116 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE:
English PUBLISHER: Nihon University School of Dentistry

13/3/21 (Item 21 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

139296874 CA: 139(19)296874n PATENT
Mucosal immune vaccine for periodontal diseases containing outermembrane

Untitled

protein of Porphyromonas gingivalis and mucosal adjuvant

INVENTOR(AUTHOR): Otake, Shigeo; Abiko, Yoshimitsu; Yamamoto, Masafumi; Hayakawa, Mitsuo

LOCATION: Japan,

ASSIGNEE: Nihon University School Juridical Person

PATENT: PCT International ; WO 200380113 A1 DATE: 20031002

APPLICATION: WO 2003JP3619 (20030325) *JP 200287294 (20020327)

PAGES: 26 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: A61K-039/07A; A61K-039/39B; A61P-001/02B; A61P-031/04B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

13/3/22 (Item 22 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139212556 CA: 139(14)212556z JOURNAL

Determination of short peptide in a Porphyromonas gingivalis protein antigen recognized by sera from periodontitis patients

AUTHOR(S): Hayakawa, Mitsuo; Suyama, Tsutomu; Ema, Midori; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry and Reserach Institute of Oral Science, Nihon University School of Dentistry at Matsudo, Chiba, Japan, 271-8587

JOURNAL: Int. J. Oral-Med. Sci. (International Journal of Oral-Medical Sciences) DATE: 2002 VOLUME: 1 NUMBER: 1 PAGES: 79-81 CODEN: IJOSC7

ISSN: 1347-9733 LANGUAGE: English PUBLISHER: Research Institute of Oral Science, Nihon University School of Dentistry at Matsudo

13/3/23 (Item 23 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139032987 CA: 139(3)32987g JOURNAL

A 35-kDa co-aggregation factor is a hemin-binding protein in Porphyromonas gingivalis

AUTHOR(S): Shibata, Yasuko; Hiratsuka, Koichi; Hayakawa, Mitsuo; Shiroza, Teruaki; Takiguchi, Hisashi; Nagatsuka, Yasuko; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan, 271-8587

JOURNAL: Biochem. Biophys. Res. Commun. (Biochemical and Biophysical Research Communications) DATE: 2003 VOLUME: 300 NUMBER: 2 PAGES: 351-356 CODEN: BBRCA9 ISSN: 0006-291X PUBLISHER ITEM IDENTIFIER: 0006-291X(02)02826-7 LANGUAGE: English PUBLISHER: Elsevier Science

Untitled

13/3/24 (Item 24 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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137333599 CA: 137(23)333599h JOURNAL
Development of DNA microarray for Porphyromonas gingivalis gingipain genes
AUTHOR(S): Hiratsuka, Koichi; Araki, Makoto; Ema, Midori; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry and Research Institute of Oral Science, Nihon University School of Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: Igaku to Seibutsugaku (Igaku to Seibutsugaku) DATE: 2002
VOLUME: 144 NUMBER: 4 PAGES: 133-137 CODEN: IGSBAL ISSN: 0019-1604
LANGUAGE: Japanese PUBLISHER: Igaku Seibutsugaku Sokuhokai

13/3/25 (Item 25 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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137019012 CA: 137(2)19012z JOURNAL
Inhibition of hemolysis by antibody against the Porphyromonas gingivalis 130-kDa hemagglutinin domain
AUTHOR(S): Abiko, Yoshimitsu; Kaizuka, Kouji; Hosogi, Yumiko
LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: J. Oral Sci. (Journal of Oral Science) DATE: 2001 VOLUME: 43
NUMBER: 3 PAGES: 159-163 CODEN: JORSF3 ISSN: 1343-4934 LANGUAGE: English PUBLISHER: Nihon University School of Dentistry

13/3/26 (Item 26 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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136364318 CA: 136(24)364318z JOURNAL
A sensitive method for detecting Porphyromonas gingivalis by polymerase chain reaction and its possible clinical application
AUTHOR(S): Nozaki, Takenori; Kusumoto, Yutaka; Kitamura, Masahiro; Hirano, Hiroyuki; Kohyama, Akira; Hayakawa, Mitsuo; Takiguchi, Hisashi; Abiko, Yoshimitsu; Murakami, Shinya; Okada, Hiroshi
LOCATION: Department of Periodontology, Division of Oral Biology and Disease Control, Osaka University Graduate School of Dentistry, Osaka, Japan,
JOURNAL: J. Periodontol. DATE: 2001 VOLUME: 72 NUMBER: 9 PAGES: 1228-1235 CODEN: JOPRAJ ISSN: 0022-3492 LANGUAGE: English PUBLISHER: American Academy of Periodontology

13/3/27 (Item 27 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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Untitled

136131336 CA: 136(9)131336p JOURNAL

Aggregation activity of a Porphyromonas gingivalis recombinant outer membrane protein polymer against Actinomyces naeslundii cells

AUTHOR(S): Kamino, Yoshikazu; Tsurumi, Yoshiaki; Yamada, Kazuaki; Nagura, Hideaki; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry and Oral Surgery I, Nihon University School of Dentistry at Matsudo, Matsudo, Chiba, Japan, 271-8587

JOURNAL: Igaku to Seibutsugaku DATE: 2001 VOLUME: 143 NUMBER: 6

PAGES: 179-182 CODEN: IGSBAL ISSN: 0019-1604 LANGUAGE: Japanese

PUBLISHER: Igaku Seibutsugaku Sokuhokai

13/3/28 (Item 28 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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131241821 CA: 131(18)241821x JOURNAL

Opsonophagocytic effect of antibody against recombinant conserved 40-kDa outer membrane protein of Porphyromonas gingivalis

AUTHOR(S): Saito, Shigeno; Hayakawa, Mitsuo; Takiguchi, Hisashi; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, Chiba, Japan,

JOURNAL: J. Periodontol. DATE: 1999 VOLUME: 70 NUMBER: 6 PAGES: 610-617 CODEN: JOPRAJ ISSN: 0022-3492 LANGUAGE: English PUBLISHER: American Academy of Periodontology

13/3/29 (Item 29 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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131128505 CA: 131(10)128505j JOURNAL

Increase of urokinase-type plasminogen activator receptor expression in human gingival fibroblasts by Porphyromonas gingivalis lipopolysaccharide

AUTHOR(S): Ogura, Naomi; Nagura, Hideaki; Abiko, Yoshimitsu

LOCATION: Department of Oral Surgery, Nihon University School of Dentistry at Matsudo, Chiba, Japan,

JOURNAL: J. Periodontol. DATE: 1999 VOLUME: 70 NUMBER: 4 PAGES: 402-408 CODEN: JOPRAJ ISSN: 0022-3492 LANGUAGE: English PUBLISHER: American Academy of Periodontology

13/3/30 (Item 30 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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131017509 CA: 131(2)17509u JOURNAL

Development of passive immunization against periodontal disease: preparations of recombinant ScFv and human type antibodies

AUTHOR(S): Abiko, Yoshimitsu

LOCATION: Dep. Biochem., Nihon Univ. Sch. Dentistry Matsudo, Matsudo, Chiba, Japan, 271-8587

JOURNAL: Ensho DATE: 1998 VOLUME: 18 NUMBER: 6 PAGES: 425-432

Untitled

CODEN: ENSHEE ISSN: 0389-4290 LANGUAGE: Japanese PUBLISHER: Nippon
Ensho Gakkai Jimukyoku

13/3/31 (Item 31 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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130334580 CA: 130(25)334580n JOURNAL
Determination and characterization of the hemagglutinin-associated short
motifs found in Porphyromonas gingivalis multiple gene products
AUTHOR(S): Shibata, Yasuko; Hayakawa, Mitsuo; Takiguchi, Hisashi;
Shiroza, Teruaki; Abiko, Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: J. Biol. Chem. DATE: 1999 VOLUME: 274 NUMBER: 8 PAGES:
5012-5020 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English PUBLISHER:
American Society for Biochemistry and Molecular Biology

13/3/32 (Item 32 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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129258682 CA: 129(20)258682j JOURNAL
Contribution of Porphyromonas gingivalis 40-kDa outer membrane protein to
coaggregation of P. gingivalis vesicles with Streptococcus gordonii cells
AUTHOR(S): Kamino, Yoshikazu; Katoh, Mitsunobu; Nonaka, Eiju; Takiguchi,
Hisashi; Abiko, Yoshimitsu
LOCATION: Department of Oral Surgery, Nihon School of Dentistry at
Matsudo, Sakaecho-Nishi, Matsudo, Chiba, Japan, 271
JOURNAL: Shika Kiso Igakkai Zasshi DATE: 1998 VOLUME: 40 NUMBER: 3
PAGES: 187-195 CODEN: SHKKAN ISSN: 0385-0137 LANGUAGE: English
PUBLISHER: Shika Kiso Igakkai

13/3/33 (Item 33 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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129053221 CA: 129(5)53221m JOURNAL
Construction of a functional single-chain variable fragment antibody
against hemagglutinin from Porphyromonas gingivalis
AUTHOR(S): Shibata, Yasuko; Kurihara, Kimiyo; Takiguchi, Hisashi; Abiko,
Yoshimitsu
LOCATION: Department of Biochemistry, Nihon University School of
Dentistry at Matsudo, Chiba, Japan, 271-8587
JOURNAL: Infect. Immun. DATE: 1998 VOLUME: 66 NUMBER: 5 PAGES:
2207-2212 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

13/3/34 (Item 34 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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Untitled

128290938 CA: 128(24)290938n JOURNAL

Sequence analysis of the *Porphyromonas gingivalis* dipeptidyl peptidase IV gene

AUTHOR(S): Kiyama, Michiko; Hayakawa, Mitsuo; Shiroza, Teruaki; Nakamura, Shoji; Takeuchi, Akira; Masamoto, Yukimitsu; Abiko, Yoshimitsu

LOCATION: Dep. Biochem., Nihon Univ. Sch. Dentistry Matsudo, Matsudo, Japan, 271

JOURNAL: Biochim. Biophys. Acta DATE: 1998 VOLUME: 1396 NUMBER: 1

PAGES: 39-46 CODEN: BBACAQ ISSN: 0006-3002 PUBLISHER ITEM IDENTIFIER: 0167-4781(97)00225-X LANGUAGE: English PUBLISHER: Elsevier Science B.V.

13/3/35 (Item 35 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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125165551 CA: 125(13)165551t JOURNAL

Complement-mediated killing of *Porphyromonas gingivalis* 381 by the immunoglobulin G induced by recombinant 40-kDa outer membrane protein

AUTHOR(S): Saito, Shigeno; Hayakawa, Mitsuo; Hiratsuka, Koichi; Takiguchi, Hisashi; Abiko, Yoshimitsu

LOCATION: School Dentistry Matsudo, Nihon Univ., Matsudo, Japan, 271

JOURNAL: Biochem. Mol. Med. DATE: 1996 VOLUME: 58 NUMBER: 2 PAGES: 184-191 CODEN: BMMEF4 ISSN: 1077-3150 LANGUAGE: English

13/3/36 (Item 36 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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125027052 CA: 125(3)27052e JOURNAL

Polymerase chain reaction and an outer membrane protein gene probe for the detection of *Porphyromonas gingivalis*

AUTHOR(S): Hiratsuka, Koichi; Yoshida, Wataru; Hayakawa, Mitsuo; Takiguchi, Hisashi; Abiko, Yoshimitsu

LOCATION: Department of Biochemistry, Nihon University School of Dentistry at Matsudo, 870-1, Sakaecho-Nishi 2, Matsudo, Chiba, Japan, 271

JOURNAL: FEMS Microbiol. Lett. DATE: 1996 VOLUME: 138 NUMBER: 2-3 PAGES: 167-172 CODEN: FMLED7 ISSN: 0378-1097 LANGUAGE: English

13/3/37 (Item 37 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2008 American Chemical Society. All rts. reserv.

115180996 CA: 115(17)180996d JOURNAL

Purification and immunochemical characterization of a recombinant outer membrane protein from *Bacteroides gingivalis*

AUTHOR(S): Kawamoto, Yasuhiro; Hayakawa, Mitsuo; Abiko, Yoshimitsu

LOCATION: Sch. Dent., Nihon Univ., Matsudo, Japan, 271

JOURNAL: Int. J. Biochem. DATE: 1991 VOLUME: 23 NUMBER: 10 PAGES: 1053-61 CODEN: IJBOBV ISSN: 0020-711X LANGUAGE: English

Untitled

13/3/38 (Item 38 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

114158517 CA: 114(17)158517f PATENT
Cloning of the gene for an antigen of Bacteroides gingivalis
INVENTOR(AUTHOR): Abiko, Yoshimitsu; Oshihara, Wataru; Takiguchi, Hisashi
LOCATION: Japan,
ASSIGNEE: Gakko Hojin Nippon Daigaku; Toray Industries, Inc.
PATENT: Japan Kokai Tokkyo Koho ; JP 90135096 A2 ; JP 02135096 DATE:
900523
APPLICATION: JP 88286587 (881112)
PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C12P-021/02A; C07K-013/00B; C12N-015/31B; G01N-033/569B;
A61K-039/02; C12P-021/02J; C12R-001/19J

13/3/39 (Item 39 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

100081759 CA: 100(11)81759n JOURNAL
Studies on glycylprolyl dipeptidylaminopeptidase in peritoneal exudates
of guinea pig stimulated by Bacteroides gingivalis
AUTHOR(S): Sano, Hiroshi; Shimai, Kazunori; Sugai, Kenji; Suzuki,
Kuniharu; Abiko, Yoshimitsu; Murai, Seidai
LOCATION: Sch. Dent., Nihon Univ., Japan,
JOURNAL: Nippon Shishubyo Gakkai Kaishi DATE: 1983 VOLUME: 25 NUMBER:
3 PAGES: 535-44 CODEN: NSKADI ISSN: 0385-0110 LANGUAGE: Japanese

13/3/40 (Item 40 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

100049502 CA: 100(7)49502n JOURNAL
Stimulation of activities of collagenase-like peptidase and glycylpropyl
dipeptidylaminopeptidase in mice peritoneal exudate by injection of
Bacteroides gingivalis
AUTHOR(S): Shimai, Kazunori; Sano, Hiroshi; Abiko, Yoshimitsu; Murai,
Seidai
LOCATION: Sch. Dent., Nihon Univ., Tokyo, Japan, 101
JOURNAL: Shika Kiso Igakkai Zasshi DATE: 1983 VOLUME: 25 NUMBER: 3
PAGES: 831-3 CODEN: SHKKAN ISSN: 0385-0137 LANGUAGE: English
? E AU= HIROMASA, YOSHIE

Ref Items Index-term

E1 2 AU=HIROMASA, YASUYUKI
E2 1 AU=HIROMASA, YOJI
E3 0 *AU=HIROMASA, YOSHIE
E4 1 AU=HIROMASA, YUJI
E5 1 AU=HIROMASAI O
E6 1 AU=HIROMASAYAGAMI T
E7 5 AU=HIROMASU Y

E8 1 AU=HIROMASU YASUNOBU
 E9 5 AU=HIROMASU, Y.
 E10 1 AU=HIROMASU, YASANOBU
 E11 5 AU=HIROMASU, YASUNOBU
 E12 1 AU=HIROMATO M

Enter P or PAGE for more

? E AU=YOSHIE, HIROMASA

Ref Items Index-term

E1 1 AU=YOSHIE, HARUhide
 E2 2 AU=YOSHIE, HIROKI
 E3 62 *AU=YOSHIE, HIROMASA
 E4 1 AU=YOSHIE, HIROMI
 E5 3 AU=YOSHIE, HIROMITSU
 E6 37 AU=YOSHIE, HIROSHI
 E7 1 AU=YOSHIE, HIROSHIE
 E8 1 AU=YOSHIE, HISAKO
 E9 1 AU=YOSHIE, ISAO
 E10 3 AU=YOSHIE, JUJI
 E11 19 AU=YOSHIE, K.
 E12 2 AU=YOSHIE, KANAME

Enter P or PAGE for more

? S E3

S14 62 AU='YOSHIE, HIROMASA'

? S S2 AND S14

38092 S2

62 S14

S15 11 S2 AND S14

? RD

S16 11 RD (unique items)

? T S16/3/ALL

16/3/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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147474539 CA: 147(22)474539g JOURNAL

Effects of CO2 laser treatment combined with scaling and root planing on
 periodontal pockets in chronic periodontitis patients

AUTHOR(S): Watanabe, Kaku; Murata, Masashi; Nagamori, Taichi; Yamaguchi,
 Toshikazu; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological
 Science, Niigata University Graduate School of Medical and Dental Sciences,
 Japan,

JOURNAL: Nippon Shishubyo Gakkai Kaishi (Nippon Shishubyo Gakkai Kaishi)

DATE: 2007 VOLUME: 49 NUMBER: 2 PAGES: 130-138 CODEN: NSKADI ISSN:
 0385-0110 LANGUAGE: English PUBLISHER: Nippon Shishubyo Gakkai

16/3/2 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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Untitled

147467384 CA: 147(22)467384z JOURNAL

Antibody responses to Porphyromonas gingivalis hemagglutinin A and outer membrane protein in chronic periodontitis

AUTHOR(S): Kobayashi, Tetsuo; Kaneko, Susumu; Tahara, Tomoyuki; Hayakawa, Mitsuo; Abiko, Yoshimitsu; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2006

VOLUME: 77 NUMBER: 3 PAGES: 364-369 CODEN: JOPRAJ ISSN: 0022-3492

LANGUAGE: English PUBLISHER: American Academy of Periodontology

16/3/3 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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143265133 CA: 143(15)265133y JOURNAL

The trans-chromosomal mouse-derived human monoclonal antibody promotes phagocytosis of Porphyromonas gingivalis by neutrophils

AUTHOR(S): Takauchi, Ayano; Kobayashi, Tetsuo; Tahara, Tomoyuki; Nakazawa, Kumiko; Hayakawa, Mitsuo; Shibata, Yasuko; Ishida, Isao; Abiko, Yoshimitsu; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2005

VOLUME: 76 NUMBER: 5 PAGES: 680-685 CODEN: JOPRAJ ISSN: 0022-3492

LANGUAGE: English PUBLISHER: American Academy of Periodontology

16/3/4 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142153965 CA: 142(9)153965u JOURNAL

Targeting of Porphyromonas gingivalis with a bispecific antibody directed to Fc.alpha.RI (CD89) improves in vitro clearance by gingival crevicular neutrophils

AUTHOR(S): Kobayashi, Tetsuo; Takauchi, Ayano; van Spruiel, Annemiek B.; Vile, Henriette A.; Hayakawa, Mitsuo; Shibata, Yasuko; Abiko, Yoshimitsu; van de Winkel, Jan G. J.; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan, 951-8514

JOURNAL: Vaccine (Vaccine) DATE: 2004 VOLUME: 23 NUMBER: 5 PAGES: 585-594 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER: 0264-410X(04)00531-6 LANGUAGE: English PUBLISHER: Elsevier B.V.

16/3/5 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2008 American Chemical Society. All rts. reserv.

141294692 CA: 141(18)294692u PATENT

Untitled

Inhibition of 40-kDa OMP hemin-binding activity and *P. gingivalis* co-aggregation by human type monoclonal antibody against *Porphyromonas gingivalis* 40-kDa outer membrane protein, and diagnostic and therapeutic uses

INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa; Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro

LOCATION: Japan,

ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University

PATENT: PCT International ; WO 200483425 A1 DATE: 20040930

APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B; C12P-021/08B; A61K-039/395B; A61P-001/02B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

16/3/6 (Item 6 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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136132799 CA: 136(9)132799d JOURNAL

Elevated mRNA expression for supervillin and vascular endothelial growth factor in human neutrophils stimulated with lipopolysaccharide from *Porphyromonas gingivalis*

AUTHOR(S): Morozumi, Toshiya; Kubota, Takehiko; Sugita, Noriko; Ohsawa, Yutaka; Yamazaki, Kazuhisa; Yoshie, Hiromasa

LOCATION: Department of Periodontology, Niigata University, Niigata, Japan, 951-8514

JOURNAL: J. Periodontal Res. (Journal of Periodontal Research) DATE: 2001 VOLUME: 36 NUMBER: 3 PAGES: 160-168 CODEN: JPDRAW ISSN: 0022-3484 LANGUAGE: English PUBLISHER: Munksgaard International Publishers Ltd.

16/3/7 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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135091402 CA: 135(7)91402c JOURNAL

Effective in vitro clearance of *Porphyromonas gingivalis* by Fc.alpha. receptor I (CD89) on gingival crevicular neutrophils

AUTHOR(S): Kobayashi, Tetsuo; Yamamoto, Kouji; Sugita, Noriko; Van Spruiel, Annemiek B.; Kaneko, Susumu; Van De Winkel, Jan G. J.; Yoshie, Hiromasa

LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata University, Niigata, Japan, 951-8514

Untitled

JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
2935-2942 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

16/3/8 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134084948 CA: 134(7)84948m JOURNAL
Relevance of IgG receptor IIb (CD16) polymorphism to handling of
Porphyromonas gingivalis: implications for the pathogenesis of adult
periodontitis
AUTHOR(S): Kobayashi, Tetsuo; Van der Pol, W-Ludo; Van de Winkel, Jan G.
J.; Hara, Kohji; Sugita, Noriko; Westerdaal, Nomdo A. C.; Yoshie, Hiromasa;
Horigome, Tsuneyoshi
LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata
University, Niigata, Japan, 951-8514
JOURNAL: J. Periodontal Res. DATE: 2000 VOLUME: 35 NUMBER: 2 PAGES:
65-73 CODEN: JPDRAJ ISSN: 0022-3484 LANGUAGE: English PUBLISHER:
Munksgaard International Publishers Ltd.

16/3/9 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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133103649 CA: 133(8)103649n JOURNAL
Toll-like receptors confer responsiveness to lipopolysaccharide from
Porphyromonas gingivalis in human gingival fibroblasts
AUTHOR(S): Tabeta, Kouich; Yamazaki, Kazuhisa; Akashi, Sachiko; Miyake,
Kensuke; Kumada, Hidefumi; Umemoto, Toshio; Yoshie, Hiromasa
LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata
University, Niigata, Japan, 951-8514
JOURNAL: Infect. Immun. DATE: 2000 VOLUME: 68 NUMBER: 6 PAGES:
3731-3735 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

16/3/10. (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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129107924 CA: 129(9)107924p JOURNAL
Activation of transcription factors and IL-8 expression in neutrophils
stimulated with lipopolysaccharide from Porphyromonas gingivalis
AUTHOR(S): Sugita, Noriko; Kimura, Asako; Matsuki, Yutaka; Yamamoto,
Tadashi; Yoshie, Hiromasa; Hara, Kohji
LOCATION: Department of Periodontology, Niigata University School of
Dentistry, Japan,
JOURNAL: Inflammation (N. Y.) DATE: 1998 VOLUME: 22 NUMBER: 3 PAGES:
253-267 CODEN: INFLD4 ISSN: 0360-3997 LANGUAGE: English PUBLISHER:
Plenum Publishing Corp.

Untitled

16/3/11 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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111187542 CA: 111(21)187542d JOURNAL
The inhibitory effects of chicken ovomacroglobulin on collagenolytic
activity in Bacteroides gingivalis culture supernatant, human PMN
(polymorphonuclear leucocyte) and human gingival crevicular fluid
AUTHOR(S): Kudo, Kumiko; Saito, Akiko; Sudo, Kazuhiko; Adachi, Masakazu;
Ikai, Atsushi; Ofuji, Yasuto; Takeuchi, Yoshiharu; Yoshie, Hiromasa; Hara,
Kohji
LOCATION: Japan Immunores. Lab. Co., Ltd., Tokyo, Japan,
JOURNAL: Nippon Shishubyo Gakkai Kaishi DATE: 1988 VOLUME: 30 NUMBER:
4 PAGES: 1061-9 CODEN: NSKADI ISSN: 0385-0110 LANGUAGE: Japanese
? E AU=KOBAYASHI, TETSUO

Ref	Items	Index-term
E1	1	AU=KOBAYASHI, TETSUMASA
E2	19	AU=KOBAYASHI, TETSUNOSUKE
E3	306	*AU=KOBAYASHI, TETSUO
E4	198	AU=KOBAYASHI, TETSURO
E5	1	AU=KOBAYASHI, TETSUROH
E6	2	AU=KOBAYASHI, TETSUROU
E7	5	AU=KOBAYASHI, TETSUSHI
E8	1	AU=KOBAYASHI, TETSUSHIGE
E9	6	AU=KOBAYASHI, TETSUTO
E10	179	AU=KOBAYASHI, TETSUYA
E11	5	AU=KOBAYASHI, TETSUYA J.
E12	89	AU=KOBAYASHI, TETSUYUKI

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? S E3
S17 306 AU='KOBAYASHI, TETSUO'
? S S2 AND S17
38092 S2
306 S17
S18 7 S2 AND S17
? RD
S19 7 RD (unique items)
? T S19/3/ALL

19/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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147467384 CA: 147(22)467384z JOURNAL
Antibody responses to Porphyromonas gingivalis hemagglutinin A and outer
membrane protein in chronic periodontitis
AUTHOR(S): Kobayashi, Tetsuo; Kaneko, Susumu; Tahara, Tomoyuki; Hayakawa,
Mitsuo; Abiko, Yoshimitsu; Yoshie, Hiromasa
LOCATION: Division of Periodontology, Department of Oral Biological
Science, Niigata University Graduate School of Medical and Dental Sciences,
Niigata, Japan,
JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2006
VOLUME: 77 NUMBER: 3 PAGES: 364-369 CODEN: JOPRAJ ISSN: 0022-3492

Untitled

LANGUAGE: English PUBLISHER: American Academy of Periodontology

19/3/2 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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143265133 CA: 143(15)265133y JOURNAL

The trans-chromosomal mouse-derived human monoclonal antibody promotes phagocytosis of *Porphyromonas gingivalis* by neutrophils

AUTHOR(S): Takauchi, Ayano; Kobayashi, Tetsuo; Tahara, Tomoyuki; Nakazawa, Kumiko; Hayakawa, Mitsuo; Shibata, Yasuko; Ishida, Isao; Abiko, Yoshimitsu; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2005

VOLUME: 76 NUMBER: 5 PAGES: 680-685 CODEN: JOPRAJ ISSN: 0022-3492

LANGUAGE: English PUBLISHER: American Academy of Periodontology

19/3/3 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142153965 CA: 142(9)153965u JOURNAL

Targeting of *Porphyromonas gingivalis* with a bispecific antibody directed to Fc.alpha.RI (CD89) improves in vitro clearance by gingival crevicular neutrophils

AUTHOR(S): Kobayashi, Tetsuo; Takauchi, Ayano; van Spruiel, Annemiek B.; Vile, Henriette A.; Hayakawa, Mitsuo; Shibata, Yasuko; Abiko, Yoshimitsu; van de Winkel, Jan G. J.; Yoshie, Hiromasa

LOCATION: Division of Periodontology, Department of Oral Biological Science, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan, 951-8514

JOURNAL: Vaccine (Vaccine) DATE: 2004 VOLUME: 23 NUMBER: 5 PAGES: 585-594 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER: 0264-410X(04)00531-6 LANGUAGE: English PUBLISHER: Elsevier B.V.

19/3/4 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2008 American Chemical Society. All rts. reserv.

141294692 CA: 141(18)294692u PATENT

Inhibition of 40-kDa OMP hemin-binding activity and *P. gingivalis* co-aggregation by human type monoclonal antibody against *Porphyromonas gingivalis* 40-kDa outer membrane protein, and diagnostic and therapeutic uses

INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa; Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro

LOCATION: Japan,

ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University

PATENT: PCT International ; WO 200483425 A1 DATE: 20040930

APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)

Untitled

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B;
C12P-021/08B; A61K-039/395B; A61P-001/02B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

19/3/5 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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135091402 CA: 135(7)91402c JOURNAL

Effective in vitro clearance of *Porphyromonas gingivalis* by Fc.alpha.
receptor I (CD89) on gingival crevicular neutrophils

AUTHOR(S): Kobayashi, Tetsuo; Yamamoto, Kouji; Sugita, Noriko; Van
Sriel, Annemiek B.; Kaneko, Susumu; Van De Winkel, Jan G. J.; Yoshie,
Hiromasa

LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata
University, Niigata, Japan, 951-8514

JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
2935-2942 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

19/3/6 (Item 6 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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134084948 CA: 134(7)84948m JOURNAL

Relevance of IgG receptor IIIb (CD16) polymorphism to handling of
Porphyromonas gingivalis: implications for the pathogenesis of adult
periodontitis

AUTHOR(S): Kobayashi, Tetsuo; Van der Pol, W-Ludo; Van de Winkel, Jan G.
J.; Hara, Kohji; Sugita, Noriko; Westerdaal, Nomdo A. C.; Yoshie, Hiromasa;
Horigome, Tsuneyoshi

LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata
University, Niigata, Japan, 951-8514

JOURNAL: J. Periodontal Res. DATE: 2000 VOLUME: 35 NUMBER: 2 PAGES:
65-73 CODEN: JPDRAW ISSN: 0022-3484 LANGUAGE: English PUBLISHER:
Munksgaard International Publishers Ltd.

19/3/7 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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Untitled

119201549 CA: 119(19)201549k JOURNAL

Changes in complement and immunoglobulin G receptor expression on neutrophils associated with Porphyromonas gingivalis-induced inhibition of phagocytosis

AUTHOR(S): Tai, Hideaki; Kobayashi, Tetsuo; Hara, Kohji

LOCATION: Sch. Dent., Niigata Univ., Niigata, Japan, 951

JOURNAL: Infect. Immun. DATE: 1993 VOLUME: 61 NUMBER: 8 PAGES: 3533-5

CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

? E AU=HAMADA, NOBUSHIRO

Ref Items Index-term

E1 6 AU=HAMADA, NOBUKO

E2 58 AU=HAMADA, NOBUO

E3 29 *AU=HAMADA, NOBUSHIRO

E4 45 AU=HAMADA, NOBUTAKE

E5 5 AU=HAMADA, NOBUTO

E6 1 AU=HAMADA, NOBUTOSHI

E7 8 AU=HAMADA, NOBUYOSHI

E8 73 AU=HAMADA, NOBUYUKI

E9 1 AU=HAMADA, NORBORU

E10 189 AU=HAMADA, NORIAKI

E11 24 AU=HAMADA, NORIHIKO

E12 2 AU=HAMADA, NORIHIRO

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S20 29 AU='HAMADA, NOBUSHIRO'

? S S2 AND S20

38092 S2

29 S20

S21 23 S2 AND S20

? RD

S22 23 RD (unique items)

? T S22/3/ALL

22/3/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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146079251 CA: 146(5)79251x JOURNAL

A study of relationship between Porphyromonas gingivalis 53K fimbriae and periodontitis

AUTHOR(S): Togashi, Toshio; Hamada, Nobushiro; Arai, Munetaka; Yoshimoto, Hisashi

LOCATION: Department of Infection Control, Kanagawa Dental College, Japan

JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2006 VOLUME: 41

NUMBER: 1 PAGES: 7-16 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:

Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/2 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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Untitled

144269240 CA: 144(15)269240z JOURNAL
A study of heterogeneity of Porphyromonas gingivalis minor fimbriae
AUTHOR(S): Watanabe, Shuji; Hamada, Nobushiro; Arai, Munetaka
LOCATION: Dep. Infection Control, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2005 VOLUME: 40
NUMBER: 1 PAGES: 12-23 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/3 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

141294692 CA: 141(18)294692u PATENT
Inhibition of 40-kDa OMP hemin-binding activity and P. gingivalis
co-aggregation by human type monoclonal antibody against Porphyromonas
gingivalis 40-kDa outer membrane protein, and diagnostic and therapeutic
uses
INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa;
Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro
LOCATION: Japan,
ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University
PATENT: PCT International ; WO 200483425 A1 DATE: 20040930
APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)
PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B;
C12P-021/08B; A61K-039/395B; A61P-001/02B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

22/3/4 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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141004056 CA: 141(1)4056a JOURNAL
Antibacterial effect of grapefruit seed extract against oral bacteria
AUTHOR(S): Hamada, Nobushiro; Nakahara, Etsuo; Takenaka, Kazunao;
Watanabe, Shuji; Togashi, Toshio; Umemoto, Toshio
LOCATION: Dep. of Oral Microbiology, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2003 VOLUME: 38
NUMBER: 4 PAGES: 148-153 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/5 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)
(c) 2008 American Chemical Society. All rts. reserv.

140251324 CA: 140(16)251324n JOURNAL
Distribution and transmission of Porphyromonas gingivalis in oral cavity
of children
AUTHOR(S): Hiyama, Takehiko; Hamada, Nobushiro; Umemoto, Toshio
LOCATION: Department of Craniofacial Growth and Development Dentistry,
Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2003 VOLUME: 38
NUMBER: 2-3 PAGES: 65-76 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/6 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140161534 CA: 140(11)161534b JOURNAL
A study on the virulence factors of Porphyromonas gingivalis strains
AUTHOR(S): Hayase, Junji; Hamada, Nobushiro; Watanabe, Kiyoko
LOCATION: Dep. Oral Microbiology, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2003 VOLUME: 38
NUMBER: 1 PAGES: 21-29 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/7 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140127100 CA: 140(9)127100x JOURNAL
Porphyromonas gingivalis 67-kDa fimbriae induced cytokine production and
osteoclast differentiation utilizing TLR2
AUTHOR(S): Hiramine, Hiroko; Watanabe, Kiyoko; Hamada, Nobushiro;
Umemoto, Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College,
Yokosuka, Kanagawa, Japan, 238-8580
JOURNAL: FEMS Microbiol. Lett. (FEMS Microbiology Letters) DATE: 2003
VOLUME: 229 NUMBER: 1 PAGES: 49-55 CODEN: FMLED7 ISSN: 0378-1097
PUBLISHER ITEM IDENTIFIER: 0378-1097(03)00788-2 LANGUAGE: English
PUBLISHER: Elsevier Science B.V.

22/3/8 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140053336 CA: 140(5)53336e JOURNAL
Inhibitory effects of incadronate on the progression of rat experimental
periodontitis by Porphyromonas gingivalis infection
AUTHOR(S): Tani-Ishii, Nobuyuki; Minamida, Genshi; Saitoh, Daisuke;
Chieda, Keiko; Omuro, Hiromasa; Sugaya, Akira; Hamada, Nobushiro;
Takahashi, Yusuke; Kiyohara, Shiro; Kashima, Isamu; Teranaka, Toshio;
Umemoto, Toshio

Untitled

LOCATION: Department of Operative Dentistry and Endodontics, Kanagawa
Dental College, Kanagawa, Japan,
JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2003
VOLUME: 74 NUMBER: 5 PAGES: 603-609 CODEN: JOPRAJ ISSN: 0022-3492
LANGUAGE: English PUBLISHER: American Academy of Periodontology

22/3/9 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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138166399 CA: 138(12)166399e JOURNAL
The autolysin of *Porphyromonas gingivalis* is involved in outer membrane
vesicle release
AUTHOR(S): Hayashi, Jun-ichiro; Hamada, Nobushiro; Kuramitsu, Howard K.
LOCATION: Department of Oral Biology, State University of New York,
Buffalo, NY, 14214, USA
JOURNAL: FEMS Microbiol. Lett. (FEMS Microbiology Letters) DATE: 2002
VOLUME: 216 NUMBER: 2 PAGES: 217-222 CODEN: FMLED7 ISSN: 0378-1097
PUBLISHER ITEM IDENTIFIER: 0378-1097(02)01041-8 LANGUAGE: English
PUBLISHER: Elsevier Science B.V.

22/3/10 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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138069762 CA: 138(6)69762k JOURNAL
Characterization of fimA mutant from *Porphyromonas gingivalis* 381
AUTHOR(S): Ariwa, Masahiko; Hamada, Nobushiro; Arai, Munetaka
LOCATION: Department of Oral Microbiology, Kanagawa Dental College, Japan
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2001 VOLUME: 36
NUMBER: 2-3 PAGES: 95-103 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/11 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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132034075 CA: 132(4)34075n JOURNAL
Role of the amino-terminal region of *Porphyromonas gingivalis* fimbriae in
adherence to epithelial cells
AUTHOR(S): Sojar, Hakimuddin T.; Han, Yiping; Hamada, Nobushiro; Sharma,
Ashu; Genco, Robert J.
LOCATION: Department of Oral Biology, School of Dental Medicine, State
University of New York at Buffalo, Buffalo, NY, 14214, USA
JOURNAL: Infect. Immun. DATE: 1999 VOLUME: 67 NUMBER: 11 PAGES:
6173-6176 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

22/3/12 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

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131070920 CA: 131(6)70920x JOURNAL
Transformation and expression of a cloned fimA gene in *Porphyromonas gingivalis*
AUTHOR(S): Takahashi, Yusuke; Kato, Daisuke; Hamada, Nobushiro; Yoshimoto, Hisashi; Umemoto, Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College, Yokosuka, Japan, 238-8580
JOURNAL: Infect. Immun. DATE: 1999 VOLUME: 67 NUMBER: 4 PAGES: 2013-2018 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER: American Society for Microbiology

22/3/13 (Item 13 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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130001024 CA: 130(1)1024a JOURNAL
Construction of a NotI restriction map and a physical map of *Porphyromonas gingivalis* chromosomal DNA
AUTHOR(S): Suzuki, Masayuki; Hamada, Nobushiro; Takahashi, Yusuke
LOCATION: Department Oral Microbiology, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku DATE: 1997 VOLUME: 32 NUMBER: 3-4 PAGES: 216-226 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE: Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/14 (Item 14 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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129299961 CA: 129(23)299961t JOURNAL
A study on the short fimbrial structure of *Porphyromonas gingivalis*
AUTHOR(S): Choi, Jong-Suk; Hamada, Nobushiro; Arai, Munetaka
LOCATION: Department Oral Microbiology, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku DATE: 1997 VOLUME: 32 NUMBER: 3-4 PAGES: 249-259 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE: Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

22/3/15 (Item 15 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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128241599 CA: 128(20)241599u JOURNAL
Role of Arg-gingipain A in virulence of *Porphyromonas gingivalis*
AUTHOR(S): Tokuda, Masayuki; Karunakaran, Thonthi; Duncan, Margaret; Hamada, Nobushiro; Kuramitsu, Howard
LOCATION: Department of Oral Biology, State University of New York, Buffalo, NY, 14214, USA
JOURNAL: Infect. Immun. DATE: 1998 VOLUME: 66 NUMBER: 3 PAGES: 1159-1166 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER: American Society for Microbiology

Untitled

22/3/16 (Item 16 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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128203699 CA: 128(17)203699u JOURNAL
Structures involved in the interaction of *Porphyromonas gingivalis*
fimbriae and human lactoferrin
AUTHOR(S): Sojar, Hakimuddin T.; Hamada, Nobushiro; Genco, Robert J.
LOCATION: 3435 Main Street, Foster Hall, School of Dental Medicine,
Department of Oral Biology, State University of New York at Buffalo,
Buffalo, NY, 14214, USA
JOURNAL: FEBS Lett. DATE: 1998 VOLUME: 422 NUMBER: 2 PAGES: 205-208
CODEN: FEBLAL ISSN: 0014-5793 LANGUAGE: English PUBLISHER: Elsevier
Science B.V.

22/3/17 (Item 17 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127077541 CA: 127(6)77541a JOURNAL
Isolation and characterization of fimbriae from a sparsely fimbriated
strain of *Porphyromonas gingivalis*
AUTHOR(S): Sojar, Hakimuddin T.; Hamada, Nobushiro; Genco, Robert J.
LOCATION: Dep. Oral Biology, Sch. Dental Med., State Univ. New York,
Buffalo, NY, 14214, USA
JOURNAL: Appl. Environ. Microbiol. DATE: 1997 VOLUME: 63 NUMBER: 6
PAGES: 2318-2323 CODEN: AEMIDF ISSN: 0099-2240 LANGUAGE: English
PUBLISHER: American Society for Microbiology

22/3/18 (Item 18 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127002956 CA: 127(1)2956f JOURNAL
A role for fimbriae in *Porphyromonas gingivalis* invasion of oral
epithelial cells
AUTHOR(S): Njoroge, Terry; Genco, Robert J.; Sojar, Hakimuddin T.;
Hamada, Nobushiro; Genco, Caroline Attardo
LOCATION: Department of Microbiology and Immunology, Morehouse School of
Medicine, Atlanta, GA, 30310-14951, USA
JOURNAL: Infect. Immun. DATE: 1997 VOLUME: 65 NUMBER: 5 PAGES:
1980-1984 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

22/3/19 (Item 19 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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126209112 CA: 126(16)209112c JOURNAL
High-performance liquid chromatographic separation of *Porphyromonas*
gingivalis fimbriae

Untitled

AUTHOR(S): Sojar, Hakimuddin T.; Hamada, Nobushiro; Genco, Robert J.
LOCATION: Dep. Oral bio., State Univ. New York Buffalo, Buffalo, NY,
14214, USA
JOURNAL: Protein Expression Purif. DATE: 1997 VOLUME: 9 NUMBER: 1
PAGES: 49-52 CODEN: PEXPEJ ISSN: 1046-5928 LANGUAGE: English
PUBLISHER: Academic

22/3/20 (Item 20 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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125294269 CA: 125(23)294269f JOURNAL
Expression of functional Porphyromonas gingivalis fimbriin polypeptide
domains on the surface of Streptococcus gordonii
AUTHOR(S): Sharma, Ashu; Nagata, Hideki; Hamada, Nobushiro; Sojar,
Hakimuddin T.; Hruby, Dennis E.; Kuramitsu, Howard K.; Genco, Robert J.
LOCATION: Dep. Oral Biol., Sch. Dental Med., Dep. Microbiol., Sch. Med.
and Biomed. Sci., State Univ. New York, Buffalo, NY, 14214, USA
JOURNAL: Appl. Environ. Microbiol. DATE: 1996 VOLUME: 62 NUMBER: 11
PAGES: 3933-3938 CODEN: AEMIDF ISSN: 0099-2240 LANGUAGE: English

22/3/21 (Item 21 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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125270038 CA: 125(21)270038d JOURNAL
Isolation and characterization of a minor fimbria from Porphyromonas
gingivalis
AUTHOR(S): Hamada, Nobushiro; Sojar, Hakimuddin T.; Cho, Moon-Il; Genco,
Robert J.
LOCATION: Dep. Oral Biology, State Univ. New York, Buffalo, NY, 14214,
USA
JOURNAL: Infect. Immun. DATE: 1996 VOLUME: 64 NUMBER: 11 PAGES:
4788-4794 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

22/3/22 (Item 22 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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122047882 CA: 122(5)47882s JOURNAL
Construction and characterization of a fimA mutant of Porphyromonas
gingivalis
AUTHOR(S): Hamada, Nobushiro; Watanabe, Kiyoko; Sasakawa, Chihiro;
Yoshikawa, Masanosuke; Yoshimura, Fuminobu; Umemoto, Toshio
LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,
238
JOURNAL: Infect. Immun. DATE: 1994 VOLUME: 62 NUMBER: 5 PAGES:
1696-704 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

22/3/23 (Item 23 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

Untitled

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118248675 CA: 118(25)248675t JOURNAL
The construction of chromosome DNA library from Porphyromonas
(Bacteroides) gingivalis chromosome in Escherichia coli and
identification of agglutinin gene
AUTHOR(S): Hamada, Nobushiro
LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,
JOURNAL: Kanagawa Shigaku DATE: 1992 VOLUME: 26 NUMBER: 4 PAGES:
341-52 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE: Japanese
? E AU= UMEMOTO, TOSHIO

Ref	Items	Index-term
E1	1	AU=UMEMOTO, TOSHIKAZU
E2	2	AU=UMEMOTO, TOSHINARI
E3	58	*AU=UMEMOTO, TOSHIO
E4	15	AU=UMEMOTO, TOSHIYUKI
E5	2	AU=UMEMOTO, TSUKASA
E6	5	AU=UMEMOTO, TSUNEHICO
E7	1	AU=UMEMOTO, TSUNEO
E8	1	AU=UMEMOTO, TSUTOMU
E9	3	AU=UMEMOTO, TSUYOSHI
E10	1	AU=UMEMOTO, WAKAKO
E11	37	AU=UMEMOTO, Y.
E12	13	AU=UMEMOTO, YAICHIRO

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S23 58 AU='UMEMOTO, TOSHIO'
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38092 S2
58 S23
S24 23 S2 AND S23
? RD
S25 23 RD (unique items)
? T S25/3/ALL

25/3/1 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs
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03023352 H.W. WILSON RECORD NUMBER: BGSI95023352
Structural study on the free lipid A isolated from lipopolysaccharide of
Porphyromonas gingivalis .
Kumada, Hidefumi
Haishima, Yuji; Umemoto, Toshio
Journal of Bacteriology (J Bacteriol) v. 177 no8 (Apr. '95) p. 2098-106
DOCUMENT TYPE: Feature Article
SPECIAL FEATURES: bibl il ISSN: 0021-9193
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

25/3/2 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

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148073936 CA: 148(4)73936u JOURNAL
Antibacterial activity of Pycnogenol against oral bacteria
AUTHOR(S): Watanabe, Kiyoko; Matsushita, Masafumi; Matsushita, Yuji;
Umemoto, Toshio
LOCATION: Dep. Oral Microbiol., Kanagawa Dental College, Yokosuka, Japan,
238-8580
JOURNAL: Koku Eisei Gakkai Zasshi (Koku Eisei Gakkai Zasshi) DATE: 2007
VOLUME: 57 NUMBER: 5 PAGES: 605-612 CODEN: KEGZA7 ISSN: 0023-2831
LANGUAGE: Japanese PUBLISHER: Nippon Koku Eisei Gakkai

25/3/3 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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144251679 CA: 144(14)251679q JOURNAL
Invasive Porphyromonas gingivalis infection modulates expression of
atherogenic molecules in human aortic endothelial cells
AUTHOR(S): Takahashi, Yusuke; Umemoto, Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College, Japan
JOURNAL: Bull. Kanagawa Dent. Coll. (Bulletin of Kanagawa Dental College)
DATE: 2005 VOLUME: 33 NUMBER: 2 PAGES: 133-135 CODEN: BKDCD5 ISSN:
0385-1443 LANGUAGE: English PUBLISHER: Kanagawa Dental College Press

25/3/4 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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141294692 CA: 141(18)294692u PATENT
Inhibition of 40-kDa OMP hemin-binding activity and P. gingivalis
co-aggregation by human type monoclonal antibody against Porphyromonas
gingivalis 40-kDa outer membrane protein, and diagnostic and therapeutic
uses
INVENTOR(AUTHOR): Tahara, Tomoyuki; Abiko, Yoshimitsu; Yoshie, Hiromasa;
Kobayashi, Tetsuo; Umemoto, Toshio; Hamada, Nobushiro
LOCATION: Japan,
ASSIGNEE: Kirin Beer Kabushiki Kaisha; Nihon University
PATENT: PCT International ; WO 200483425 A1 DATE: 20040930
APPLICATION: WO 2004JP3569 (20040317) *JP 200372714 (20030317)
PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C12N-015/09A; C07K-016/18B; C12N-005/10B; C12N-005/16B;
C12P-021/08B; A61K-039/395B; A61P-001/02B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;

Untitled

PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

25/3/5 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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141004056 CA: 141(1)4056a JOURNAL
Antibacterial effect of grapefruit seed extract against oral bacteria
AUTHOR(S): Hamada, Nobushiro; Nakahara, Etsuo; Takenaka, Kazunao;
Watanabe, Shuji; Togashi, Toshio; Umemoto, Toshio
LOCATION: Dep. of Oral Microbiology, Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2003 VOLUME: 38
NUMBER: 4 PAGES: 148-153 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

25/3/6 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140251324 CA: 140(16)251324n JOURNAL
Distribution and transmission of Porphyromonas gingivalis in oral cavity
of children
AUTHOR(S): Hiyama, Takehiko; Hamada, Nobushiro; Umemoto, Toshio
LOCATION: Department of Craniofacial Growth and Development Dentistry,
Kanagawa Dental College, Japan,
JOURNAL: Kanagawa Shigaku (Kanagawa Shigaku) DATE: 2003 VOLUME: 38
NUMBER: 2-3 PAGES: 65-76 CODEN: KSHGDM ISSN: 0454-8302 LANGUAGE:
Japanese PUBLISHER: Kanagawa Shika Daigaku Gakkai

25/3/7 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140127100 CA: 140(9)127100x JOURNAL
Porphyromonas gingivalis 67-kDa fimbriae induced cytokine production and
osteoclast differentiation utilizing TLR2
AUTHOR(S): Hiramane, Hiroko; Watanabe, Kiyoko; Hamada, Nobushiro;
Umemoto, Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College,
Yokosuka, Kanagawa, Japan, 238-8580
JOURNAL: FEMS Microbiol. Lett. (FEMS Microbiology Letters) DATE: 2003
VOLUME: 229 NUMBER: 1 PAGES: 49-55 CODEN: FMLED7 ISSN: 0378-1097
PUBLISHER ITEM IDENTIFIER: 0378-1097(03)00788-2 LANGUAGE: English
PUBLISHER: Elsevier Science B.V.

25/3/8 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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140053336 CA: 140(5)53336e JOURNAL

Untitled

Inhibitory effects of incadronate on the progression of rat experimental periodontitis by Porphyromonas gingivalis infection

AUTHOR(S): Tani-Ishii, Nobuyuki; Minamida, Genshi; Saitoh, Daisuke; Chieda, Keiko; Omuro, Hiromasa; Sugaya, Akira; Hamada, Nobushiro; Takahashi, Yusuke; Kiyohara, Shiro; Kashima, Isamu; Teranaka, Toshio; Umemoto, Toshio

LOCATION: Department of Operative Dentistry and Endodontics, Kanagawa Dental College, Kanagawa, Japan,

JOURNAL: J. Periodontol. (Journal of Periodontology) DATE: 2003

VOLUME: 74 NUMBER: 5 PAGES: 603-609 CODEN: JOPRAJ ISSN: 0022-3492

LANGUAGE: English PUBLISHER: American Academy of Periodontology

25/3/9 (Item 8 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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138336247 CA: 138(22)336247y JOURNAL

Serum antibodies of periodontitis patients compared to the lipopolysaccharides of Porphyromonas gingivalis and Fusobacterium nucleatum

AUTHOR(S): Onoue, Sakura; Imai, Toshio; Kumada, Hidefumi; Umemoto, Toshio; Kaca, Wieslaw; Isshiki, Yasunori; Kaneko, Aki; Kawahara, Kazuyoshi

LOCATION: Department of Bacteriology, The Kitasato Institute, Tokyo, Japan, 108-8642

JOURNAL: Microbiol. Immunol. (Microbiology and Immunology) DATE: 2003

VOLUME: 47 NUMBER: 1 PAGES: 51-55 CODEN: MIIMDV ISSN: 0385-5600

LANGUAGE: English PUBLISHER: Center for Academic Publications Japan

25/3/10 (Item 9 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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133103649 CA: 133(8)103649n JOURNAL

Toll-like receptors confer responsiveness to lipopolysaccharide from Porphyromonas gingivalis in human gingival fibroblasts

AUTHOR(S): Tabeta, Kouich; Yamazaki, Kazuhisa; Akashi, Sachiko; Miyake, Kensuke; Kumada, Hidefumi; Umemoto, Toshio; Yoshie, Hiromasa

LOCATION: Department of Periodontology, Faculty of Dentistry, Niigata University, Niigata, Japan, 951-8514

JOURNAL: Infect. Immun. DATE: 2000 VOLUME: 68 NUMBER: 6 PAGES:

3731-3735 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER: American Society for Microbiology

25/3/11 (Item 10 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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131070920 CA: 131(6)70920x JOURNAL

Transformation and expression of a cloned fimA gene in Porphyromonas gingivalis

AUTHOR(S): Takahashi, Yusuke; Kato, Daisuke; Hamada, Nobushiro; Yoshimoto, Hisashi; Umemoto, Toshio

Untitled

LOCATION: Department of Oral Microbiology, Kanagawa Dental College,
Yokosuka, Japan, 238-8580
JOURNAL: Infect. Immun. DATE: 1999 VOLUME: 67 NUMBER: 4 PAGES:
2013-2018 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

25/3/12 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127131682 CA: 127(10)131682n JOURNAL
Construction of a plasmid vector for transformation of *Porphyromonas*
gingivalis
AUTHOR(S): Yoshimoto, Hisashi; Takahasi, Yusuke; Kato, Daisuke; Umemoto,
Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College, 82
Inaoka-cho, Yokosuka, Japan, 238
JOURNAL: FEMS Microbiol. Lett. DATE: 1997 VOLUME: 152 NUMBER: 1
PAGES: 175-181 CODEN: FMLED7 ISSN: 0378-1097 LANGUAGE: English
PUBLISHER: Elsevier

25/3/13 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127062891 CA: 127(5)62891r JOURNAL
Chemical structure and biological activities of *Porphyromonas gingivalis*
lipid A
AUTHOR(S): Umemoto, Toshio; Kumada, Hidefumi; Watanabe, Kiyoko
LOCATION: Dep. Oral Microbiology, Kanagawa Dental College, Kanagawa,
Japan, 238
JOURNAL: Nippon Saikingaku Zasshi DATE: 1997 VOLUME: 52 NUMBER: 2
PAGES: 475-483 CODEN: NSKZAM ISSN: 0021-4930 LANGUAGE: Japanese
PUBLISHER: Nippon Saikin Gakkai

25/3/14 (Item 13 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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127004047 CA: 127(1)4047j JOURNAL
The lipid A moiety of *Porphyromonas gingivalis* lipopolysaccharide
specifically mediates the activation of C3H/HeJ mice
AUTHOR(S): Tanamoto, Ken-ichi; Azumi, Satoko; Haishima, Yuji; Kumada,
Hidefumi; Umemoto, Toshio
LOCATION: Div. Microbiology, National Inst. Health Sci., Tokyo, Japan,
JOURNAL: J. Immunol. DATE: 1997 VOLUME: 158 NUMBER: 9 PAGES:
4430-4436 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER:
American Association of Immunologists

25/3/15 (Item 14 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

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126156363 CA: 126(12)156363b JOURNAL
The induction of polyclonal B-cell activation and interleukin-1
production by the 75-KDA cell surface protein from Porphyromonas
gingivalis in mice
AUTHOR(S): Watanabe, Kiyoko; Kumada, Hidefumi; Yoshimura, Fuminobu;
Umemoto, Toshio
LOCATION: Department of Oral Microbiology, Kanagawa Dental College,
Yokosuka, Japan, 238
JOURNAL: Arch. Oral Biol. DATE: 1996 VOLUME: 41 NUMBER: 8/9 PAGES:
725-731 CODEN: AOBIAR ISSN: 0003-9969 LANGUAGE: English PUBLISHER:
Elsevier

25/3/16 (Item 15 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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126114472 CA: 126(9)114472f JOURNAL
Endotoxic properties of free lipid A from Porphyromonas gingivalis
AUTHOR(S): Tanamoto, Kenichi; Azumi, Satoko; Haishima, Yuji; Kumada,
Hidefumi; Umemoto, Toshio
LOCATION: Div. Microbiology, Natl. Inst. Health Sci., Tokyo, Japan, 158
JOURNAL: Microbiology (Reading, U. K.) DATE: 1997 VOLUME: 143 NUMBER:
1 PAGES: 63-71 CODEN: MROBEO ISSN: 1350-0872 LANGUAGE: English
PUBLISHER: Society for General Microbiology

25/3/17 (Item 16 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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123196431 CA: 123(15)196431s JOURNAL
Inflammatory cytokine gene expression in human periodontal ligament
fibroblasts stimulated with bacterial lipopolysaccharides
AUTHOR(S): Yamaji, Yasuko; Kubota, Takao; Sasaguri, Kenichi; Sato, Sadao;
Suzuki, Yoshii; Kumada, Hidefumi; Umemoto, Toshio
LOCATION: Dep. Endodontics, Kanagawa Dental Coll., Kanagawa, Japan, 238
JOURNAL: Infect. Immun. DATE: 1995 VOLUME: 63 NUMBER: 9 PAGES:
3576-81 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

25/3/18 (Item 17 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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123193177 CA: 123(15)193177c JOURNAL
Immunological characterization and localization of a Porphyromonas
gingivalis BAPNA-hydrolyzing protease possessing hemagglutinating
activity
AUTHOR(S): Hinode, Daisuke; Masuda, Kaname; Yoshioka, Masami; Watanabe,
Kiyoko; Umemoto, Toshio; Grenier, Daniel; Mayrand, Denis; Nakamura, Ryo
LOCATION: Department of Preventive Dentistry, School of Dentistry, The
University of Tokushima, Tokushima, Japan, 770

Untitled

JOURNAL: FEMS Microbiol. Lett. DATE: 1995 VOLUME: 131 NUMBER: 2
PAGES: 211-17 CODEN: FMLED7 ISSN: 0378-1097 LANGUAGE: English

25/3/19 (Item 18 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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122047882 CA: 122(5)47882s JOURNAL
Construction and characterization of a fimA mutant of Porphyromonas
gingivalis
AUTHOR(S): Hamada, Nobushiro; Watanabe, Kiyoko; Sasakawa, Chihiro;
Yoshikawa, Masanosuke; Yoshimura, Fuminobu; Umemoto, Toshio
LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,
238
JOURNAL: Infect. Immun. DATE: 1994 VOLUME: 62 NUMBER: 5 PAGES:
1696-704 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

25/3/20 (Item 19 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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120104722 CA: 120(9)104722z JOURNAL
Expression of monocyte chemoattractant protein 1 (MCP-1) in adult
periodontal disease: Increased monocyte chemotactic activity in
crevicular fluids and induction of MCP-1 expression in gingival tissues
AUTHOR(S): Hanazawa, Shigemasa; Kawata, Yasuhiro; Takeshita, Akira;
Kumada, Hidefumi; Okithu, Mithuhisa; Tanaka, Shojit; Yamamoto, Yoshio;
Masuda, Tamuro; Umemoto, Toshio; Kitano, Shigeo
LOCATION: Sch. Dent., Meikai Univ., Sakado, Japan, 350-02
JOURNAL: Infect. Immun. DATE: 1993 VOLUME: 61 NUMBER: 12 PAGES:
5219-24 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English

25/3/21 (Item 20 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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119004558 CA: 119(1)4558m JOURNAL
Chemical structure of the 2-keto-3-deoxyoctonate region of
lipopolysaccharide isolated from Porphyromonas (Bacteroides) gingivalis
AUTHOR(S): Kumada, Hidefumi; Kondo, Seiichi; Umemoto, Toshio; Hisatsune,
Kazuhito
LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,
JOURNAL: FEMS Microbiol. Lett. DATE: 1993 VOLUME: 108 NUMBER: 1
PAGES: 75-9 CODEN: FMLED7 ISSN: 0378-1097 LANGUAGE: English

25/3/22 (Item 21 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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113055492 CA: 113(7)55492u JOURNAL
Serological classification of Bacteroides gingivalis and purification of

Untitled

group specific antigens

AUTHOR(S): Ishikawa, Eriko; Kumada, Hidefumi; Umemoto, Toshio

LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,

238

JOURNAL: Shika Kiso Igakkai Zasshi DATE: 1989 VOLUME: 31 NUMBER: 6

PAGES: 647-55 CODEN: SHKKAN ISSN: 0385-0137 LANGUAGE: English

25/3/23 (Item 22 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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109034975 CA: 109(5)34975f JOURNAL

Occurrence of O-phosphorylated 2-keto-3-deoxyoctonate in the
lipopolysaccharide of *Bacteroides gingivalis*

AUTHOR(S): Kumada, Hidefumi; Watanabe, Kiyoko; Umemoto, Toshio; Haishima,
Yuji; Kondo, Seiichi; Hisatsune, Kazuhito

LOCATION: Dep. Oral Microbiol., Kanagawa Dent. Coll., Yokosuka, Japan,

238

JOURNAL: FEMS Microbiol. Lett. DATE: 1988 VOLUME: 51 NUMBER: 1

PAGES: 77-80 CODEN: FMLED7 ISSN: 0378-1097 LANGUAGE: English

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Set	Items	Description
S1	64	AU='TAHARA, TOMOYUKI'
S2	38092	GINGIVALIS OR OMP
S3	3	S1 AND S2
S4	3	RD (unique items)
S5	162	AU='ABIKO, YOSHIMITSU'
S6	53	S2 AND S5
S7	53	RD (unique items)
S8	1190746	MONOCLONAL
S9	65617	HYBRIDOMA
S10	1650857	ANTIBIOTIC OR ANTIBIOTICS OR ANTIBACTERIAL
S11	13	S6 AND S8
S12	1	S11 AND S9
S13	40	S7 NOT S11
S14	62	AU='YOSHIE, HIROMASA'
S15	11	S2 AND S14
S16	11	RD (unique items)
S17	306	AU='KOBAYASHI, TETSUO'
S18	7	S2 AND S17
S19	7	RD (unique items)
S20	29	AU='HAMADA, NOBUSHIRO'
S21	23	S2 AND S20
S22	23	RD (unique items)
S23	58	AU='UMEMOTO, TOSHIO'
S24	23	S2 AND S23
S25	23	RD (unique items)